

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave. St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-004403**Date Inspected:** 09-Oct-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 1400**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2200**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	N/A	CWI Present:	Yes	No			
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A	Approved WPS:	Yes	No	N/A
				Delayed / Cancelled:	Yes	No	N/A

Bridge No: 34-0006**Component:** tower skin plate, deck plate assemblies**Summary of Items Observed:****Heavy Duty Shop – Bay 1**

Caltrans Quality Assurance Inspector George Goulet (QA Inspector) performed final 100% VT as well as final MT, 10% verification of the 10% performed by QC, on skin plate butt welds ESD1-SA425-3A & 4A. No apparent indications were observed at either location noted. Items observed appeared to comply with project specifications.

Sub-assembly Shop - Bay 4

QA Inspector was also in Bay 4, in response to a ZPMC notification of witness inspection, to perform final 100% VT as well as MT, 10% verification of the 10% performed by QC, on DP518-001 and DP513-001 at 1530 as scheduled. QA Inspector observed that no record of ZPMC or ABF had performed MT on these pieces.

QA Inspector was later in Bay 4, in response to a ZPMC notification of witness inspection, to perform final 100% VT as well as MT, 10% verification of the 10% performed by QC, on DP516-001 and DP635-001 at 1930 as scheduled. QA Inspector observed that no record of ZPMC or ABF had performed MT on these pieces.

QA Inspector performed no VT or MT in Bay 4 on this date.

Summary of Conversations:

No significant conversations this date.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or

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remedial efforts please contact Joshua Ishibashi, 136-6471-0411, who represents the Office of Structural Materials for your project.

Inspected By:	Goulet, George	Quality Assurance Inspector
Reviewed By:	Carreon, Albert	QA Reviewer
